



## Arizona Camp Navajo

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### ***Facility and Location***

Camp Navajo is located in north central Arizona in the town of Bellemont. Established as an Ordnance Depot in 1942 with a mission of storing ammunition in support of the Pacific Theater of Operations, the camp also supported the recovery and disposal of obsolete or deteriorated explosives and ammunition by open burn/open detonation (OB/OD). The Base Realignment and Closure (BRAC) Act of 1988 transferred Camp Navajo to the Arizona National Guard and closed the federal ammunition storage mission in 1993. Demilitarization activities ceased in September 1994. The National Guard operates the camp as training site and provides depot level storage services to DoD and civilian customers. It is the only National Guard run facility and only Army installation in the U.S. with responsibilities under the Strategic Arms Reduction Treaty, with Trident C4 second stage motors stored in some of the camp's explosives storage igloos.

### ***Media Sampled and Findings***

**Drinking Water** — In 2011, two of two samples detected perchlorate at 0.05 and 0.25 ppb. In 2009, three samples reported no detection. In 2008, four samples reported no detection. In 2007, two samples reported no detection. Prior to 2007, two samples reported no detection.

**Groundwater** — In 2011, two samples reported no detection. In 2010, three of three samples detected perchlorate from 0.23 to 0.44 ppb. In 2009, 17 of 24 samples detected perchlorate from 0.01 to 204 ppb. In 2008, 18 of 18 samples detected perchlorate from 0.05 to 0.55 ppb. In 2007, two of two samples detected perchlorate at 0.2 and 1.3 ppb. Prior to 2007, 5 of 60 samples detected perchlorate up to 1.2 ppb.

**Soil** — In 2010, 12 samples reported no detection. In 2008, one sample reported no detection. Prior to 2007, two of two samples from the Range 30 Training Complex Area detected perchlorate at 8 and 12.5 ppb.

**Surface Water** — Prior to 2007, 3 of 21 samples from storm water originating from the former OB/OD areas detected perchlorate up to 37 ppb. The ten most recent samples resulted in no detection.

**Wastewater** — Prior to 2007, monthly sampling conducted at the OB/OD area under National Pollutant Discharge Elimination System (NPDES) permitting reported a high detection of 39 ppb. Repeated sampling showed lower detections and eventual non-detects and perchlorate was removed from the NPDES permit.

### ***Appropriate Actions***

Samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb. Because past groundwater and surface samples were above the PRG, the installation will continue quarterly water quality monitoring under the Safe Drinking Water Act. In addition, groundwater monitoring from piezometers will be conducted bi-annually under the Installation Restoration Program.